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Attention Roofing Contractors

*Implementation of the 2006 Supplement to the Florida Building Code
Effective: December 8, 2006 for new permits with process numbers issued on this date*

Please see the listed changes to Chapter 15 Roofing, High Velocity Hurricane Zone (HVHZ)

1519.16 **Waterproofing:** Waterproofing systems may be installed in lieu of an approved roof system over sloped or horizontal decks specifically designed for pedestrian and /or vehicular traffic, whether the deck is above occupied or unoccupied space. In new construction the minimum deck slopes shall be 1/4:12.

1519.16.1 The waterproofing system must possess a current and valid product approval.

1519.16.2 If an overburden or wearing surface is not to be installed, the waterproofing system must be approved by the manufacturer for use in vehicular and/or pedestrian traffic locations.

1519.16.3 The waterproofing assembly must possess a Class A, Class B, or Class C fire rating as required herein.

1519.16.4 If any portion of the waterproofing membrane is to remain exposed, the waterproofing system shall be ultra-violet resistant.

1519.16.5 Flashings must be installed according to the waterproofing manufacturer's published specifications and in compliance with the material and attachment standards of RAS 111.

1519.16.6 The waterproofing system shall be flood tested in accordance with ASTM D 5957.

1519.16.1 The flood test shall take place after installation of the waterproofing membrane and prior to the installation of any above membrane components, wearing surface or overburden.

1519.16.2 An approved testing lab shall provide written verification to the Building Official confirming that the flood test was performed along with the results, prior to final inspection.

1521.11 **Recover Assemblies:** If the recover roofing assembly is mechanically attached through either a base sheet or insulation layer, the attachment assembly shall be field tested for fastener withdrawal resistance, in compliance with TAS 105, and laboratory tested for pull-over resistance to insure compliance with wind uplift requirements set forth in Chapter 16 (HVHZ) of this code. Test results shall be submitted with the uniform roofing permit applications. Recover roofing assembly anchor or base sheets shall not be mechanically fastened directly to existing gravel roof unless all gravel is completely removed.

Test Protocols for High-Velocity Hurricane Zones

RAS 118-3.08(A)(5) **Storm Clips:** Storm clips shall be required at the first course of (*mechanically attached*) tile.

RAS 119-3.09(B) **Batten Installation:** Fasten and secure maximum 24 in. on center with screws or fasteners of sufficient length to penetrate through the sheathing a minimum of 3/4 in., or to penetrate into a 1 in., or greater, thickness of lumber not less than 1 in.

RAS 119-3.10(B) **Storm Clips:** Storm clips shall be required at the first course of (*mechanically attached*) tile.

RAS 120-3.10(A) Hip and Ridge Installation (*Mortar or adhesive set tile*): Mechanically fasten hip and ridge tile to a nailer board. (*See details 1, 2, 3, 4*)

TAS 106 Requires testing of hip and ridge tile prior to final inspection by the approved test by an approved testing lab.